

V-Cymbal Ride **CY-15R**

V-Cymbal Crash **CY-14C**

V-Cymbal Hi-Hat **CY-12H**

Owner's Manual

Thank you and congratulations on your choice of the Roland V-Cymbal CY-15R/CY-14C/CY-12H.

Before using this unit, carefully read the sections entitled: "USING THE UNIT SAFELY" (p. 2) and "IMPORTANT NOTES" (p. 3). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, Owner's manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

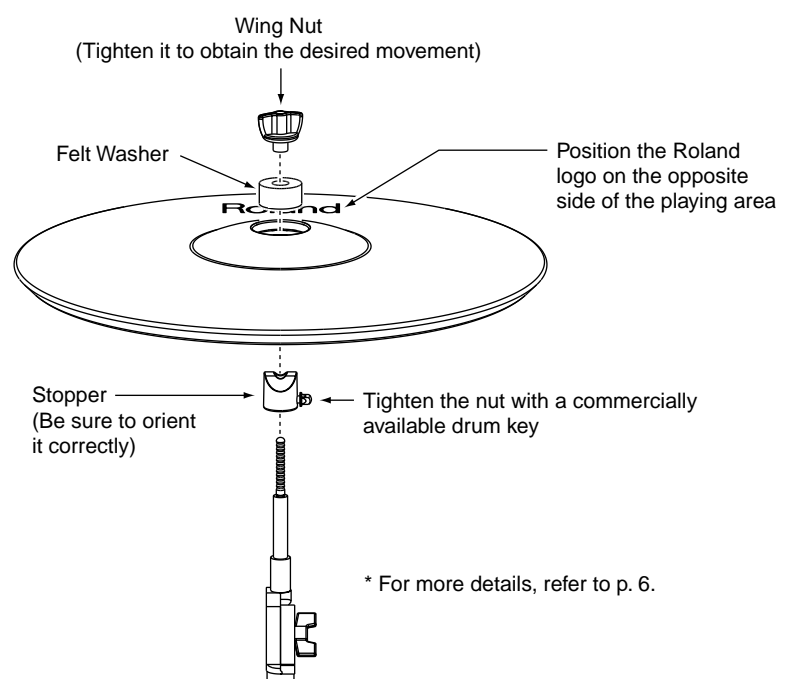
Before You Begin

When using a TD-10:

1. Make sure you are using a TDW-1 version that includes "with V-Cymbal Control" (see p. 4).
2. Select **TRIGGER BANK 2** in the TD-10 for use with the V-Cymbals (see p. 9).

* If you are using another sound module, you have to set the trigger parameters. Refer to "Trigger Parameter Settings for the Sound Module (p. 10)."

How to mount the CY-15R (Ride)/CY-14C (Crash)






USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About ⚠ WARNING and ⚠ CAUTION Notices








⚠ WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠ CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols





	The ⚠ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The ⚡ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The ⚡ symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING




⚠ WARNING

- Before using this unit, make sure to read the instructions below, and the Owner's Manual. 
- Do not open or perform any internal modifications on the unit. 
- Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so). Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information" page. 
- Never use or store the unit in places that are:
 - Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are 
 - Damp (e.g., baths, washrooms, on wet floors); or are 
 - Humid; or are
 - Exposed to rain; or are
 - Dusty; or are
 - Subject to high levels of vibration.
- This unit should be used only with a rack or stand that is recommended by Roland. 
- When using the unit with a rack or stand recommended by Roland, the rack or stand must be carefully placed so it is level and sure to remain stable. If not using a rack or stand, you still need to make sure that any location you choose for placing the unit provides a level surface that will properly support the unit, and keep it from wobbling. 

⚠ WARNING

- Do not allow any objects (e.g., flammable material, coins, pins); or liquids of any kind (water, soft drinks, etc.) to penetrate the unit. 

- In households with small children, an adult should provide supervision until the child is capable of following all the rules essential for the safe operation of the unit. 
- Do not drop it! 

⚠ CAUTION

- Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children. 
- Never climb on top of, nor place heavy objects on the unit. 
- Should you remove the stopper bolt, make sure to put them in a safe place out of children's reach, so there is no chance of them being swallowed accidentally. 

IMPORTANT NOTES

In addition to the items listed under “USING THE UNIT SAFELY” on page 2, please read and observe the following:

Placement

- Do not expose the unit to direct sunlight, place it near devices that radiate heat, leave it inside an enclosed vehicle, or otherwise subject it to temperature extremes. Also, do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.
- To avoid possible breakdown, do not use the unit in a wet area, such as an area exposed to rain or other moisture.

Maintenance

- For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a cloth impregnated with a mild, non-abrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Additional Precautions

- Use a reasonable amount of care when using the unit's jacks. Rough handling can lead to malfunctions.
- When connecting / disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- This instrument is designed to minimize the extraneous sounds produced when it's played. However, since sound vibrations can be transmitted through floors and walls to a greater degree than expected, take care not to allow these sounds to become a nuisance to neighbors, especially when performing at night and when using headphones.
- When you need to transport the unit, package it in the box (including padding) that it came in, if possible. Otherwise, you will need to use equivalent packaging materials.
- Use the included cable to make connections. If using some other make of connection cable, please note the following precautions.
 - Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. Since the sensitivity of the pad will be diminished, the sound may become extremely soft or even inaudible. For information on cable specifications, contact the manufacturer of the cable.

Getting Started

Features

Similar touch and feel as with acoustic cymbals

The superior design has taken into account not only the shape of the cymbal, but also the bounce of the stick, and even the movement caused by playing, making it possible to play with the same feel as an acoustic cymbal.

They're quiet!

Rubber is used on the striking surface for a damping effect.

Edge shots and choking are possible

Sensors in the edge portion make it possible to get different sounds by striking the bow (upper surface) and the edge. Choke play—stopping the sound by grasping the edge portion—is also possible (p. 8). On the CY-15R (Ride), sensors in the bell portion make it possible to get different sounds by striking the bow (upper surface) and the bell (p. 8).

Three way triggering and positional sensing are possible (When using the TDW-1 with V-Cymbal Control)

Using the CY-15R (Ride) together with the TD-10 upgraded with the “TDW-1 with V-Cymbal Control” makes it possible to get different tones from the positional sensing of the bow portion (p. 8), and from three play methods: bow shot, bell shot, and edge shot (Three Way Triggering, see p. 9).

Compatible with all Roland sound modules

Compatible models: TD-10 + TDW-1, TD-10, TD-8, TD-7, TD-5, SPD-20/11, and HPD-15

Roland sound modules support methods of play such as edge shots and choke play (p. 11).

* *You have to set the trigger parameters. For details, refer to **Trigger Parameter Settings for the Sound Module** (p. 10).*

About the TDW-1

TDW-1 is an expansion board for TD-10. This adds new sounds (360 tones and 50 kits) and functions to TD-10. There are two versions of the TDW-1 (Original version and “TDW-1 with V-Cymbal Control” version). The TDW-1 with V-Cymbal Control provides trigger types exclusively for the V-Cymbals. This makes it possible to use three way triggering and positional sensing on the CY-15R (Ride), enabling the expressive power of the V-Cymbal to be used to the fullest.

When using the V-Cymbals, Roland suggests using the TD-10 + TDW-1 with V-Cymbal Control as the sound module.

* *The screen displayed when powering up with the TDW-1 with V-Cymbal Control installed, is different than the Original version.*

Original Version



TDW-1 with V-Cymbal Control



What's in the Package

CY-15R (Ride)

CY-15R unit, Wing nut, Felt washer, Stopper,
Connection cable (stereo) x 2, Cable tie,
Owner's manual (this document)

CY-14C (Crash)

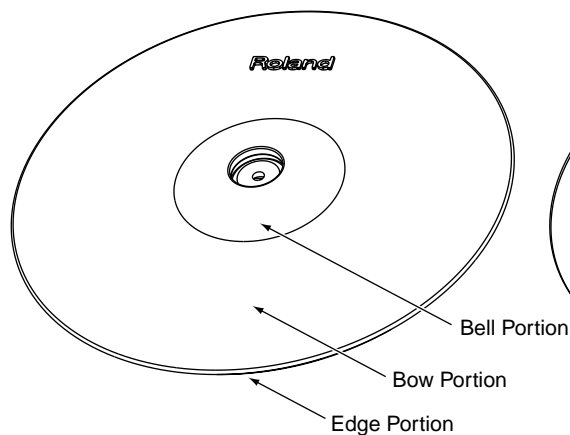
CY-14C unit, Wing nut, Felt washer, Stopper,
Connection cable (stereo), Cable tie,
Owner's manual (this document)

CY-12H (Hi-Hat)

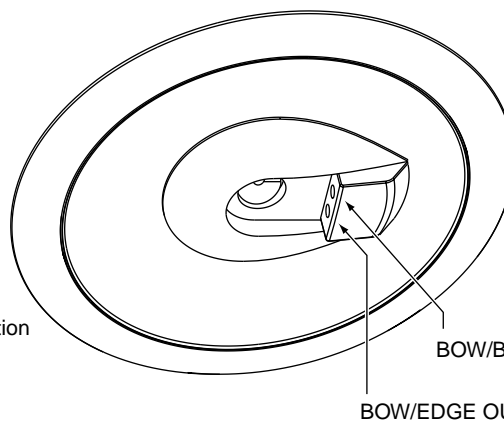
CY-12H unit, Connection cable (stereo),
Owner's manual (this document)

Definitions & Names of Parts

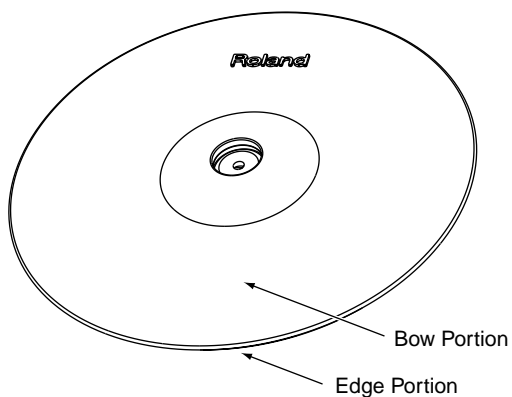
CY-15R (Ride)



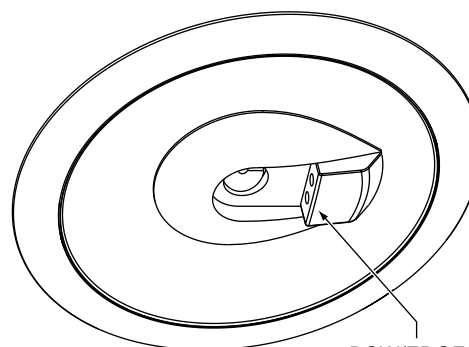
Diameter: 15 inches



CY-14C (Crash)



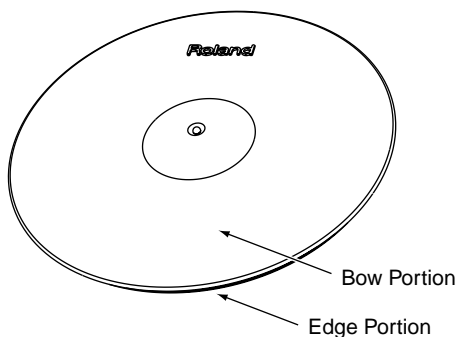
Diameter: 14 inches



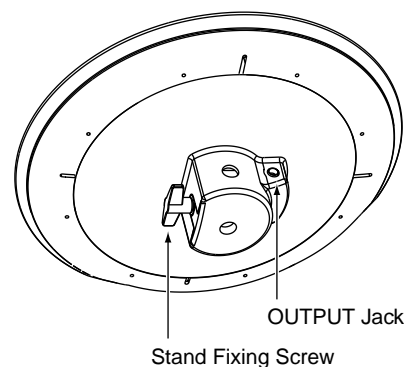
BOW/EDGE OUTPUT Jack

* The CY-14C has no BOW/BELL OUTPUT Jack.

CY-12H (Hi-Hat)



Diameter: 12 inches

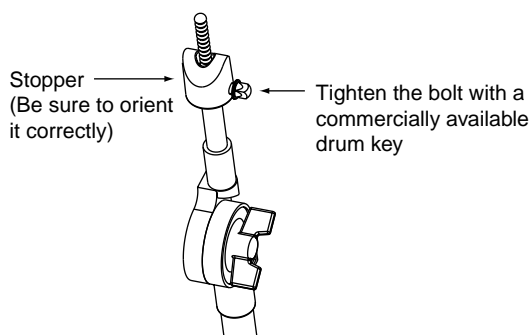


Mounting on the Stand

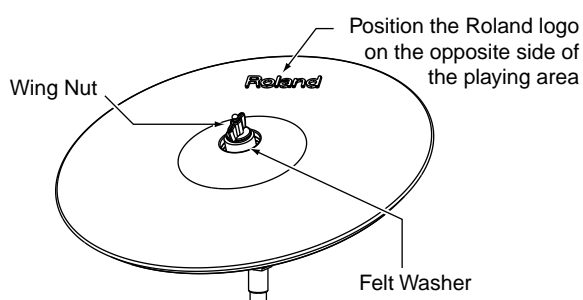
CY-15R (Ride) CY-14C (Crash)

1. Use a commercially available drum key to tighten the stopper bolt.

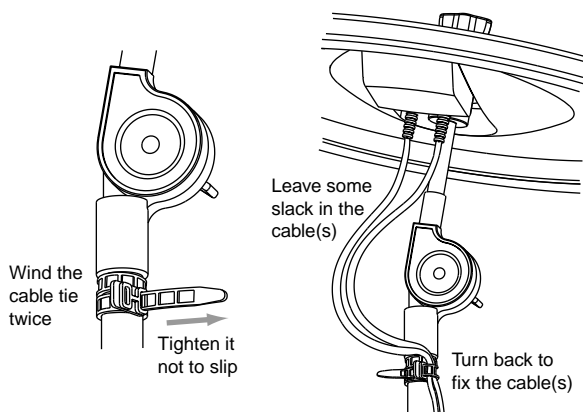
The stopper keeps the V-Cymbal from turning, and prevents the cables from catching or getting tangled on the stand.



2. Position the Roland logo on the farther side, as viewed from the performer.
3. Tighten the felt washer and the wing nut to obtain the desired movement.

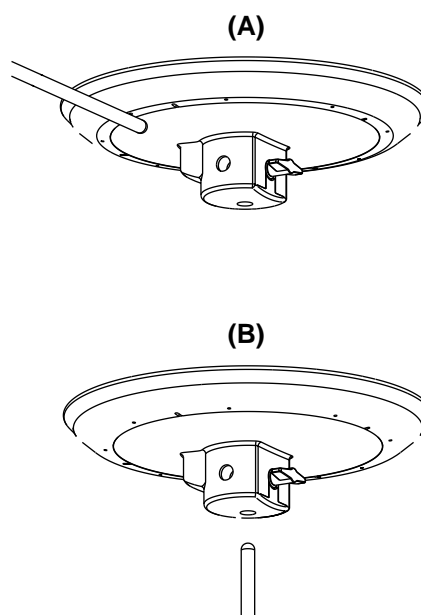


4. Secure the cables in place with the cable tie, while leaving some slack in the cables to ensure that they are not pulled by the movement of the cymbal units when struck.



- * Take care to ensure that the cables do not touch the cymbal units and/or the stand. A cable touching a cymbal unit or a stand may cause double sounding or other incorrect operation.
- * Double sounding may occur if the wing nut is loose.
- * Do **NOT** use the washer or felt included with the cymbal mount (MDY-7U or MDY-10U).

CY-12H (Hi-Hat)

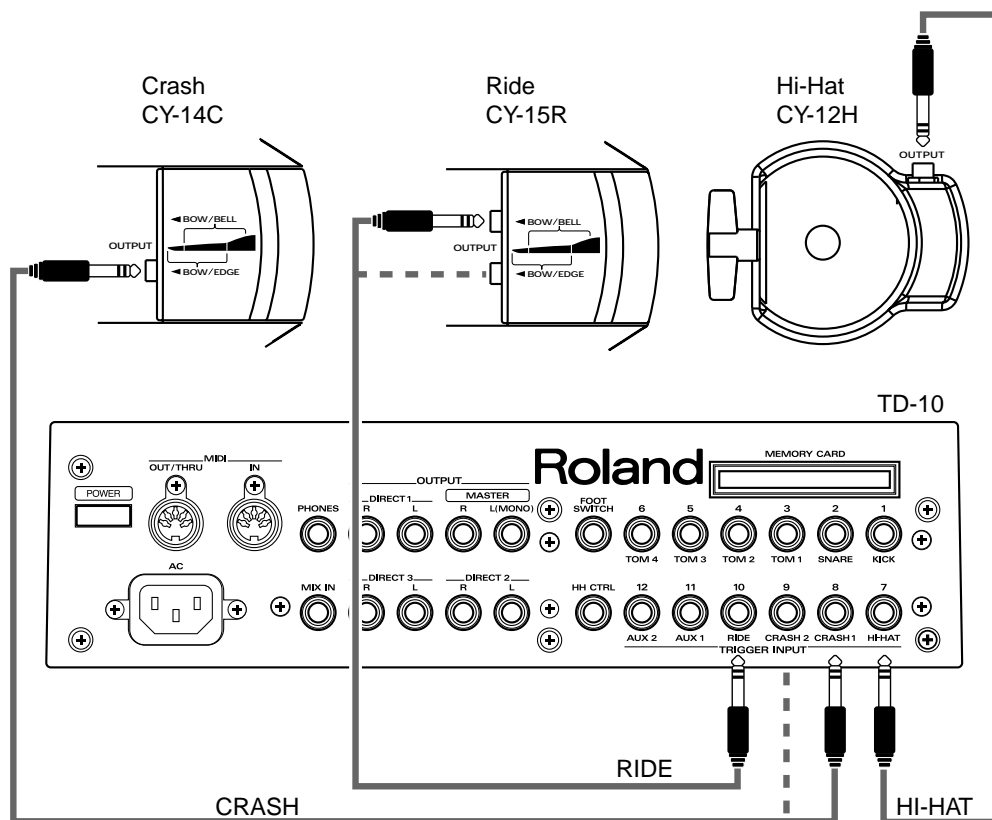


There are two ways to use the drum stand mounting rod. Before changing how the rod fits, fix the screw, then turn the inner bolt 90 degrees.

- * When the mounting method B is used, the rod cannot be secured in place correctly unless it is inserted a certain length. Make sure that the unit is not tilted when secured in place with the stand fixing screw. Also, the rod is designed so that it cannot be inserted farther than a certain length, so do not try to force it further than it will go.

Connecting to a Sound Module

* To prevent malfunction and/or damage to speakers or other devices, always turn down the volume, and turn off the power on all devices before making any connections.



Use the supplied connection cables (stereo) to make the connections. If monaural cables are used, edge shots, bell shots, and choke play cannot be supported.

The CY-14C has no BOW/BELL output. Make the connection to the BOW/EDGE output.

Connecting to the CY-15R (Ride)

The CY-15R has two outputs—BOW/BELL and BOW/EDGE—but normally you should use only one or the other (except when using TDW-1 with V-Cymbal Control).

The output used and the corresponding playing methods are as shown below.

Output	Corresponding Play Methods	Tones Sounded
BOW/BELL	Bow Shot	RIDE HEAD
	Bell Shot	RIDE RIM
BOW/EDGE	Bow Shot	RIDE HEAD
	Edge Shot	RIDE RIM

MEMO

The TDW-1 with V-Cymbal Control, which is the version with full support for V-Cymbal, provides trigger types exclusively for the CY-15R. When using the “RIDE” AND the AUX 1 inputs at the same time, it is possible to play BELL, BOW and EDGE areas allowing three way triggering support (different sounds for bow, bell, and edge shots). For more information, refer to “**Playing Different Sounds with the CY-15R’s Bow, Bell, and Edge (Three Way Triggering Feature)** (p. 9).”

NOTE

If you are using a sound module other than the TD-10 + TDW-1 with V-Cymbal Control (such as a non-expanded TD-10 or the Original version of TDW-1), then use either the BOW/BELL output or the BOW/EDGE output, but NOT both. When the two outputs are used simultaneously, the two connected trigger inputs are sounded at the same time.